

Docket No: 04983.0207.00US00/38-10(15498)A  
Application Serial No. 09/404,520

After entry of amendment the pending claims are:

57. (Amended) A computer based system comprising computer readable medium having recorded thereon at least 100 nucleotide sequences including sequences selected from the group consisting of SEQ ID NO: 16207 through SEQ ID NO: 27905 and complements thereof, input means for receiving a target sequence, means for identifying fragments of sequence recorded in said computer readable medium which are homologous to a target sequence, and an output means for outputting identified homologous sequences.

58. (Amended) A method of identifying nucleotide sequence comprising comparing target sequence to a sequence stored in computer readable medium having recorded thereon at least 100 nucleotide sequences including sequences selected from the group consisting of SEQ ID NO: 16207 through SEQ ID NO: 27905 and complements thereof.

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